, Abstract

The present invention provides optimized heteromeric variable region binding fragments and antibodies comprising optimized heteromeric variable region binding fragments. Preferably, the optimized heteromeric variable region binding fragments exhibit

fragments. Preferably, the optimized heteromeric variable region binding fragments exhibit optimized activity compared to donor heteromeric variable regions and have unvaried human frameworks. The present invention also provides methods of making the optimized heteromeric variable region binding fragments.